

IN THE CLAIM

Please cancel Claim 1 to 5, without prejudice or disclaimer of the subject matter thereof, and add new claims 6 to 7. The added new claim 6 and 7 is based on the original claims 1 to 5, and the features described in the DETAILED DESCRIPTION OF THE PRESENT INVENTION, referring to third paragraph in the page 3. The relation of the new claims with respect to the original claims are shown in the following REMARK, Examiners can read the claims more easily from the REMARK.

LIST OF CLAIMS:

Claim 6. (New) A force-control method for a dual coil electric beating device having a single chip and two coils for driving an impact rod to displace as at least one of two coils are induced, comprising the steps of, wherein the beating rod is located at centers of the two coils;

programming the single chip to control conduction time periods of the two coils so as to control the displacement of the impact rod.

wherein two coils are actuated at different timing;

wherein each coil is connected to a switch as a safety switch so as to provide a safety function;

wherein AC power is inputted from the ends; a fuse is installed at an input end of the AC power for avoiding over current to damage the elements of the circuit; a three terminal regulator, a single chip, resistors, capacitors, and diodes serve to provide DC current to the circuit.

Claim 7. (New) A force-control method for a dual coil electric beating device having a single chip; an elastomer connected to an impact rod; and two coils for driving the impact rod as at least one of two coils

are induced, comprising the steps of:

programming the single chip to control conduction time periods of the two coils;

actuating at least one of the two coils to deform the elastomer according to the programming in the single chip;

de-actuating the actuating coils so as to restore the elastomer to displace the impact rod;

wherein the movement of the impact rod is controlled by the conduction time periods of the two coils which are determined by the programming of the single chip;

wherein each coil is connected to a switch as a safety switch so as to provide a safety function; and

wherein AC power is inputted from the ends; a fuse is installed at an input end of the AC power for avoiding over current to damage the elements of the circuit; a three terminal regulator, a single chip, resistors, capacitors, and diodes serve to provide DC current to the circuit.